

Atlanta Ham

OFFICIAL PUBLICATION OF THE ATLANTA RADIO CLUB, W4DOC

OCTOBER 2002

Amateurs Remember September 11

Source: The ARRL Letter

As they did a year earlier, members of the New York City Amateur Radio Emergency Service and Radio Amateur Civil Emergency Service (NYC ARES/RACES) activated September 11--this time to assist in the first anniversary observances. In addition, Salvation Army Team Emergency Radio Network (SATERN) members supported The Salvation Army's commemorative activities.

Some 30 NYC ARES/RACES members assisted the American Red Cross and other organizations during the 9/11 commemoration activities--in some cases remaining on duty for more than 15 hours. Thousands of family members of those who died in the World Trade Center attacks were on hand for the remembrance at Ground Zero. ARES/RACES supplemented communication for memorial concerts and other commemorative activities in the five boroughs of New York City, whose residents were able to watch the lighting of an eternal flame in Battery Park on giant TV screens.

"NYC-ARES installed K1RFD's

EchoLink system to aid in communications from the Red Cross headquarters--a known RF black hole," said Mark Phillips, KC2ENI/G7LTT, who's the NYC ARES/RACES Public Information Officer. "We believe that this is the first such use of this technology." Phillips also expressed thanks to the Broadcast Engineers Amateur Radio Club for the use of its W2ABC repeater on very short notice.

Security for the events was described as very tight. NYC ARES/RACES had to negotiate with the Secret Service, the FBI, the NYPD and the Port Authority Police Department as well as with the served agencies to be permitted to have radio equipment in the area.

Greater New York SATERN Liaison Officer Jeff Schneller, N2HPO, reports that a "small but effective" SATERN operation successfully sup-

plemented The Salvation Army's September 11 World Trade Center event. The team members used both Amateur Radio and GMRS units. Schneller singled out the efforts of Carlos Varon, K2LCV, and his wife Fran for providing radio and operational help at Salvation Army can-

teens. Schneller also expressed gratitude to the Electchester VHF Club and the Broadcast Engineers Amateur Radio Society for the use of their repeater systems, but he noted that most operation ended up being on FM simplex. He also thanked New York City District Emergency Coordinator Charles Hargrove, N2HOV, for having ARES operators available to support The Salvation Army.

For his part, Hargrove expressed

Continued...Back Cover

Coming in the November Issue...

Meet the officers of the Atlanta Radio Club

Report from the 2003 Atlanta Hamfest and the upcoming Lawrenceville Hamfest

Plans are being made for another end of the year party in December

Vintage 1WA QSL Brings Record Price

We're not certain if ARRL co-founder and first president Hiram Percy Maxim would have been proud or surprised to know that one of his old 1AW QSLs apparently set a price record for the sale of a single QSL card. A 1923-vintage HPM 1AW card recently went for \$2125 on the eBay auction site <<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=2131624991>>.

Neither the seller nor the buyer have been identified, but ARRL member Paul Cassel, VE3SY, of Petersburg, Ontario, Canada, acted as the sale agent and posted the card on the auction site. "The winning bidder is in California and is a very serious QSL collector," he said after the auction closed. Cassel pledged to donate half of his sale commission to the W1AW Endowment Fund <<http://www.arrl.org/endoww1aw.html>>.

The 1AW card appears to verify reception of 9CTR on a wavelength of 193 meters rather than a two-way contact. "You were calling another 9," Maxim wrote in the card's "Remarks" section. Although the card proclaims "American Radio Relay League Station 1AW" across the top, the now-famous call sign was Maxim's own personal call sign at the time, not the League's, and Maxim operated from his home on Hartford.

Until the 1AW card sale, Cassel says the highest known price paid for a single QSL card was more than \$1100 for an AC4YN QSL from the Tibet DXpedition of Sir Evan Nepean, G5YN, who died last March at age 92.

THE ATLANTA HAM

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PO BOX 720398
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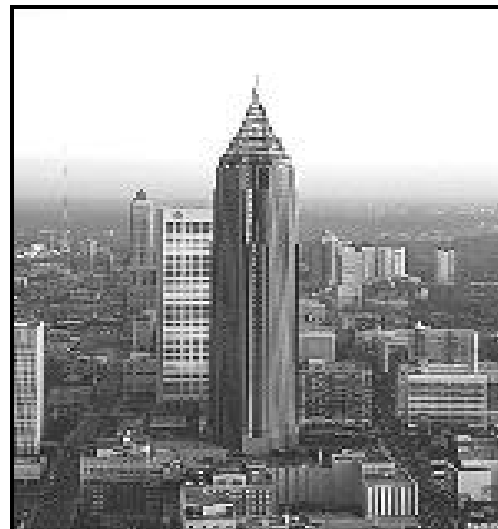
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THE ATLANTA RADIO CLUB, W4DOC

Originally known as the "Atlanta Wireless Club," the Atlanta Radio Club is one of the oldest and largest amateur radio clubs in the United States. With nearly 200 members, the Club sponsors numerous activities and services for its membership and for the Atlanta area amateur radio community.

The Club is best known for its sponsorship of the annual Atlanta HamFestival, a Saturday event which hosts many vendors, exhibitors, and flea marketers of amateur radio equipment and other electronic equipment, including computers



Bank of America Tower
Site of Atlanta Repeaters:
146.82(-), 224.34(-) and 444.825(+)

W4DOC REPEATERS

The Atlanta Radio Club operates five repeaters at two locations. Currently our most active project is at the Bank of America Tower where we operate three repeaters at 146.82(-), 224.34 (-), and 444.825(+). On the web, go to <http://www.saf.com/arc/repeater.pdf> for a Acrobat 4.0 diagram of our system.

Our second location is the WFOX broadcast tower at Chestnut Mountain, south of Gainesville, GA. We operate two repeaters on 145.35(-) & 444.45 (+) . These repeaters are being renovated under the expert guidance of Dennis, KF4MHW, and should also be on the air before May 1, 2002. For pictures of that site, see <http://www.saf.com/arc/wfox.html>

ASSOCIATE ORGANIZATIONS



MEETING NOTICE

WHEN: Thursday October 3, 2002 7:30PM
WHERE: Red Cross 1955 Monroe Drive – Atlanta

PROGRAM: Yagi design and construction
by Tom Cailloux, W4EGT

TALK IN: 146.820 (-) PL 146.2

DINNER: 6:15PM The Picadilly Cafeteria
1544 Piedmont Rd – Ansley Mall

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Who is Hidetsugu Yagi?

Hidetsugu Yagi

Patent Number 69115 **Yagi Antenna**

Hidetsugu Yagi was born in year 19 of the Meiji Era (1886) in Osaka prefecture. After he graduated from the Department of Electronic Engineering of the Tokyo Imperial University, Faculty of Sciences, in year 42 of the Meiji Era, he studied from year 2 of the Taisho Era in England, America, and Germany, and in Germany he continued research of generation of electric waves used for wireless communication. He returned to Japan in year 5 of the Showa Era. The topic of wireless communication which he pursued during his studies abroad would become a research theme to which he would dedicate his entire life. In year 8 of the Taisho Era he became a professor at the Faculty of Engineering Sciences of the Tokyo Imperial University which was then established and during the same year he also attained the title of doctor of engineering sciences. He was able to foresee that short waves or ultra short waves would become the main element for communication using radio waves and he aimed his research in this direction. This resulted in the publication of his papers called "Generation of Short Wavelength Waves", "Measuring Specific Wavelengths with Short Wavelengths", and other papers. The so called Yagi antenna is based on these published articles. He invented it as an antenna using his "method for directional electric waves". He obtained the patent rights to his invention (patent number 69115, issued in the year 15 of the Showa Era). Because this invention uses a very simple construction, it enabled directional communication with electric waves. This construction is still used basically in any type of antenna which is used today for ultra short or extremely short waves. In year 17 of the Showa Era he became Director of the Industrial Sciences Faculty of the Tokyo University, in year 19 of the Showa Era he became General Director of the Technology Institute, and in year 21 of the Showa Era also General Director of the Osaka Imperial University. He was decorated with the Blue Ribbon Award in year 26 of the Showa Era, with the Culture Award in year 31 of the Showa Era, and in year 51 of the Showa Era with the Large Asahi Award of the First Class. He died in year 51 of the Showa Era (1976).

Amateur Radio Operator Appointed to Key House Subcommittee

Source: *The ARRL Letter*

NEWINGTON, CT, Sep 26, 2002-- Oregon Republican Congressman Greg Walden, WB7OCE, has been appointed to fill a vacancy on the House Subcommittee on

Telecommunications and the Internet. Walden is one of two amateurs in the US House of Representatives, and his appointment to the key House panel is considered

good news for the amateur community. Walden's appointment was announced by House Energy and Commerce Committee Chairman Billy Tauzin, a Republican from Louisiana.

"With his extensive background in broadcasting, Greg has a world of experience and expertise in telecommunications issues," Tauzin said. "His knowledge of the issues will help the Subcommittee address digital television, spectrum management, broadband deployment and other telecommunications matters."

For his part, Walden said he was elated to become a subcommittee member. "I intend to work diligently to help invigorate the economic engine in Oregon and across the country," he said. "I am anxious to roll up my sleeves for Chairman Tauzin and Chairman Upton and work hard under their very effective leadership." Walden, who represents Oregon's second congressional district, was elected to Congress in 1998.

Within the amateur community, he's best known as one of the original cosponsors--with Texas Republican Pete Sessions--of HR 4720. That's the bill pending in Congress aimed at providing relief to amateurs faced with private deed covenants, conditions and restrictions--CC&Rs--in erecting antennas. That measure now has garnered 26 cosponsors--the latest being Rep Roscoe Bartlett, a Maryland Republican.

Walden earned a slot on the Energy



ARRL President Jim Haynie, W5JBP (left), meets with Rep Greg Walden, WB7OCE, during a visit to Capitol Hill.

and Commerce Committee in 2000 and has actively served on the Subcommittee on Commerce, Trade and Consumer Protection dealing with issues of consumer privacy, accounting standards and electronic commerce.

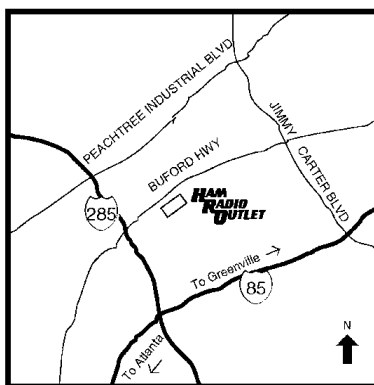


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First Sunday WCARS VEC
2:00 PM (Except July and September)
Johnson High School
3305 Poplar Springs Road, Gainseville
Terry Jones, W4TL (770)967-6364

First Thursday – EVEN # MONTHS 7:00 PM
Fayette County Repeater Assn, ARRL VEC
Peachtree City Library, downstairs
Ed Ferguson, N4YTR (edferg@peoplepc.com)

Second Tuesday 7:00 PM
Walton EMC Building
3645 Lenora Church Road, Snellville
Wayne Taylor, WD4CCA (770)498-7759

Second SaturdayCA VEC 8:30 AM
Stone Mountain Methodist Church
5312 West Mountain Street, Stone Mountain
Hal Martin, K14RD (770)978-9160

Second Saturday – ODD # MONTHS 10:00 AM
Fayette County Repeater Assn, ARRL VEC
Peachtree City Library, downstairs
Ed Ferguson, N4YTR (edferg@peoplepc.com)

Third SaturdayCA VEC 9:00 AM
Marietta First United Methodist Church
Room 305
56 Whitlock Avenue, Marietta
Larry Huff, WA4CQZ (770)955-3171

Fourth Tuesday ARRL VEC 7:00 PM
United Way Service Center
6279 Fairburn Road, Douglasville
Jessie Clower, KB4WFK (770)942-6466

Fourth FridayW5YI VEC 7:00 PM
St. John Neumann Church
801 Tom Smith Road, Lilburn
Headphones provided
Howie Gould, W9HG (770)921-8362

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ACTIVITIES CALENDAR FOR OCTOBER 2002

Always the 4th Saturday!
STARS – August, 12pm – 3pm SCITREK
Contact Penn. K4PE

UPCOMING HAMFEST CALENDAR

12 Oct 2002 ARC of Augusta
Contact: John Samples, KG4LEY
Phone: 706-736-7509 (Days) or 706-651-9504 (Eves)
Email: kg4ley@hotmail.com

19 Oct 2002 Greater Jacksonville Hamfest Association
<http://www.jaxhamfest.com>
Contact: Richard Smythe, KF4PBL
Phone: 904-739-9713
rsmythe2@bellsouth.net

26 Oct 2002 Chattanooga
<http://hamfestchattanooga.com>
Contact: Louise Carter, KE4DGW
Phone: 423-821-4043
Email: wa4rmc@aol.com

2-3 Nov 2002 Georgia Section
Convention
Alford Memorial Radio Club
<http://www.totr-radio.org>
Contact: Randy Bassett, KR4NQ
Phone: 770-663-4244 (x-3989)
Email: kr4nq@bigfoot.com

9 Nov 2002 Montgomery ARC
<http://jschool.troyst.edu/~w4ap/>
Contact: Phil Salley, K4OZN
Montgomery, AL 36117-7405
Phone: 334-272-7980
Email: k4ozn@arrrl.net

7-8 Dec 2002 Florida State Convention
Florida Gulf Coast AR Council
<http://www.fgcarc.org>
Contact: Fred Hendershot, N3BUL
Phone: 813-671-9556
Email: n3bul@arrrl.net

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An airborne "DXpedition" to the Dayton Hamvention.

Dayton Flyers By Wilbur Jones, N8KF and Harry Hammond, WD8NCY September 12, 2002 (Source : ARRL Letter)

It was a cold, blustery, altogether unpleasant day last January when several local amateurs began to fight cabin fever with thoughts of the Dayton Hamvention. "Sure will be nice when Dayton gets here!" said Harry, WD8NCY. His was a common wintry wish for the quick return of spring. It gets pretty cold and snowy in the northern Midwest, so thoughts of sun, warmth and new ham gear tend to soothe the winter blues!

One of the locals, Bill Gitchel, WB8UIN, is a commercial pilot and suggested that his boss might "rent" us his personal plane to travel to Dayton. The plane is a customized Convair 580. Remodeled to seat 15 passengers in luxurious comfort, it is the ultimate in first-class travel. Twin turboprop engines power the 580, which make a flight from Pontiac, Michigan to Dayton, Ohio a brief hop. Many of us met for breakfast before the flight at one of the local eateries owned by one of the DXpeditioners. Naturally we all had ham and eggs!

There was a lot of interest in traveling to Dayton for a short DXpedition on Saturday, May 18. It didn't take long to fill the passenger list (maybe a little longer to get all the "fares" paid).

Someone, probably a wise guy like N8KF, who thinks his wit matches his wisdom, named the group "The Dayton Flyers." How appropriate, since the University of Dayton nickname is the Flyers! So there we were, 15 passengers and two crew, anxiously awaiting the onset of spring and our DXpedition to Dayton.

Take Off On Saturday morning, bright and early, the gang gathered for some pre-flight training. The training was in the form of eggs scrambled or over easy, with plenty of pancakes. Rich King, WD8DUW, opened his restaurant an hour early so we could chow down before the flight. Most of us saved plenty of room for those fresh kielbasa and hamburgers cooked outdoors at Hara Arena. After

boarding the Convair 580 and staking out our respective seats, Captain Bill turned on the fasten seatbelts sign and we were on our way.

Tom Hammond, K8BKM, installed a 2-meter SSB station aboard the aircraft so he could operate during the flight. An interior 1/4 wavelength mag-mount antenna on a cookie sheet



Operating aeronautical mobile is Tom, K8BKM

was more than adequate at 14,000 feet. The antenna was next to a window on the starboard side and the 2 W more than "made the trip." Tom worked several stations aeronautical mobile and was able to maintain contact with one Detroit area ham (K8NWD) right up to our final approach to the Dayton airport.

Upon arrival at a private air service at Dayton, the DXpeditioners made their way to two vans that transported us to Hara Arena and the Dayton Amateur Radio Association Hamvention. What excitement! No one could wait to see the latest offerings by the major manufacturers. Deals were abundant and buyers were eager. Hara Arena was like the floor of the New York Stock Exchange during a high-volume trading session. Floor activity was fast and furious. Sitting in the stands in the main arena, one could look down at the show floor and see what looked like an ant's nest. And most of the ants were carrying very large cartons. Will there be enough room for all those boxes on

our return flight? Captain Bill assured us all that we could cart home on the plane anything we could carry to the van. It looked like two van trips would be required! Plenty of smiles and packages make it clear that it was a successful jaunt to the Dayton Hamvention.

Homeward Bound After a great day in Dayton, we all began the trek back to the vans. What a picture! Sixteen Dayton Flyers, heavily loaded with purchases, marching in a long line much like an African safari, stretching from the flea market across the paved parking lot and into the dirt lot across from Hara. Gunga Din would have been proud. It is still unbelievable how all that gear was loaded for the trip back to Pontiac, Michigan. The trip home took a mere 45 minutes, just like the trip down. Flight time was short, but the ride was fantastic. And to use another cli-



ché: "what a way to fly!"

The DXpeditioners were AB8EF, KC8EHS, K8BKM, K8SIX, K8ZZU, N8ICK, N8KF, N8LOD and his son, WB8UIN ("Captain Bill"), WD8DUW, WD8NCY, W8HJ, W8IOF, W8MNL, W8TCI and co-pilot Mike. All agreed that next year's sojourn to the Dayton Hamvention will demand a bigger aircraft. Many people had so much fun and told so many of their ham friends, we might need a 727 to get everyone there and back!

ATLANTA RADIO CLUB, INC P.O. Box 720398 Atlanta, GA 30358

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Family Names (Included in membership) List Here:

Type of Application [] Voting \$22 [] Student \$8 [] Family \$2/person(non-voting)

NOTE: Any memberships paid for after Feb 28th fall under the halfway rule. Members joining during this period are only required to pay for half of a year.

[] Voting \$11 [] Student \$4 [] Family \$1/person (non-voting)

DUES PAID: ARC \$ _____ + FAMILY \$ _____ TOTAL \$ _____

Make your check payable to Atlanta Radio Club

JOTA Takes to the air in October

Source: *The ARRL Letter*

What is JOTA?

When Scouts want to meet young people from another country, they usually think of attending a World Jamboree. But few people realize that each year more than 400,000 Scouts and Guides "get together" over the airwaves for the annual Jamboree-on-the-Air (JOTA). Modern technology offers Scouts the exciting opportunity to make friends in other countries without leaving home.

JOTA is an annual event in which Boy and Girl Scouts and Guides from all over the world speak to each other by means of Amateur (ham) Radio. Scouting experiences are exchanged and ideas are shared via radio waves. Since 1958 when the first Jamboree-on-the-Air was held, millions of Scouts have met each other through this event.

Many contacts made during JOTA have resulted in pen pals and links be-

tween Scout troops that have lasted many years.

With no restrictions on age or on the number of participants, and at little or no expense, JOTA allows Scouts to



contact each other by ham radio. The radio stations are operated by licensed ham radio operators. Many Scouts and leaders hold licenses and have their own stations, but the majority participate in JOTA through stations

operated by local radio clubs and individual radio amateurs. Some operators use television or computer-linked communications.

When is JOTA?

JOTA is held the third weekend in October of each year. JOTA takes place starting Saturday at 0001 hours local time to Sunday, 2359 hours local time, though some activity continues over from Friday to Monday to take advantage of long distance (DX) time differences.

For more info visit www.jota.org or www.arrl.org

ATLANTA RADIO CLUB, INC
PO BOX 720398
ATLANTA, GA 30358



MEETING NOTICE October 3, 2002

Upcoming Operating Activities...

Gainesville, GA: Lanierland ARC and GA Baptist Comm Unit GA 14C, W4M. 1400Z Oct 11-2100Z Oct 13. Mule Camp Days. 21.350 14.325 7.235 3.975. Certificate. Terry Jones, W4TL, 4816 Windwalker Dr, Flowery Branch, GA 30542. lanierlandarc.org/mule.htm.

Thomasville, GA: Thomasville Amateur Radio Club, W4UCJ. 1200Z-2000Z Oct 12. 35th Annual Fly-In. 28.350 21.350 14.250 7.250. Certificate. Thomasville ARC, PO Box 251, Thomasville, GA 31799

Asheville, NC: Southern Appalachian Radio Museum Club, W4AFM. 1300Z-2100Z Oct 19. From the Appalachian Radio Museum. 21.330 7.230. Certificate. CBA, PO Box 249, Leicester, NC 28748-0249.

Newport News, VA: Peninsula Amateur Radio Club and The Mariner's Museum, W4MT. 1300Z-2000Z Oct 19. Raising the turret of the Civil War ironclad USS Monitor. 28.360 21.360 14.260 7.260. Certificate. Rick Thomasson, WB4GQA, 42 Glendale Rd, Newport News, VA 23606.

Chattanooga, TN: Chattanooga ARC, W4C. 1800Z Oct 25-2100Z Oct 26. Hamfest Chattanooga. 14.225 7.225. QSL. Loyd C. Headrick, 30 S Germantown Rd, Apt 7, Chattanooga, TN 37411.

(Continued from page 1)

heartfelt thanks to all amateurs who

September 11...

came to New York City to help. "Your community will thank you for it when the need truly arises, as we saw last September 11," he said this week.

"Without practice, we would have a tougher time of it." Hargrove urged all amateurs to join their local ARES organizations and become involved in emergency communication training and activities.

The NYC ARES/RACES first anniversary activation honored the memories of the amateurs who lost their lives in the collapse of the World Trade Center's twin towers and the other victims.